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May 16, 2002

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Holly A. Wolfe

Date of Signature

*Holly A. Wolfe*  
*May 16, 2002*

Commissioner for Patents  
Washington, D.C. 20231

Re: U.S. Patent Application Serial No. 09/963,827 for RNA APTAMERS  
AND METHODS FOR IDENTIFYING SAME  
Our File No. 180/124/2

Sir:

Please find enclosed in connection with the subject U.S. patent application the following documents:

1. Information Disclosure Statement;
2. Forms PTO/SB/08A and PTO/SB/08B (in duplicate);
3. Copies of cited references (10 references);
4. A return-receipt postcard to be returned to us with the U.S. Patent and Trademark Office filing stamp thereon.

Commissioner for Patents  
May 16, 2002  
Page 2

Although it is believed that no fee is due, the Commissioner is hereby authorized to charge any deficiencies of payment associated with the filing of this correspondence to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS & WILSON, P.A.



Arles A. Taylor, Jr.

Registration No. 39,395

Customer No. Bar Code Label:

AAT/haw

Enclosures

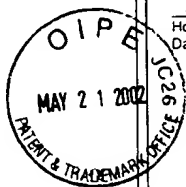


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PATENT



Holly A. Wolfe

Date of Signature

*Holly A. Wolfe*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Sullenger, et al.

Group Art Unit: Unknown

**Serial No.: 09/963,827**

Examiner: Unassigned

Filed: September 26, 2001

Docket No.: 180/124/2

Confirmation No.:

For: RNA APTAMERS AND METHODS FOR IDENTIFYING SAME

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. 1.56, 1.97, and 1.98, applicants' undersigned attorney brings to the attention of the Patent and Trademark Office the following references. Copies of the references as well as Forms PTO/SB/08A and PTO/SB/08B are attached hereto. This is not to be construed as a representation that a search has been made or that a reference is relevant merely because cited.

U.S. Patent No. 5,792,613 to Schmidt, et al. discloses Method for Obtaining RNA Aptamers Based on Shape Selection.

U.S. Patent No. 5,582,981 to Toole, et al. discloses Method for Identifying an Oligonucleotide Aptamer Specific for a Target.

U.S. Patent No. 5,817,785 to Gold, et al. discloses Methods of Producing Nucleic Acid Ligands.

U.S. Patent No. 5,756,291 to Griffin, et al. discloses Aptamers Specific for Biomolecules and Methods of Making.

U.S. Patent No. 5,861,501 to Benseler, et al. discloses Capped Synthetic RNA, Analogs, and Aptamers.

U.S. Patent No. 5,861,254 to Schneider, et al. discloses Flow Cell Selex.

U.S. Patent No. 6,093,555 to Dudycz, et al. discloses Amido and Peptido Modified Enzymatic Nucleic Acid Molecules.

Publication by Werstuck, et al. entitled "Controlling gene expression in living cells through small molecule-RNA interactions" Science (USA), Vol. 282 (No. 5387), p. 296(3), (October 9, 1998).

Publication by Burke, et al. entitled "A Novel Acidophilic RNA Motif That Recognizes Coenzyme A" Biochemistry (USA), Vol. 37, p. 4653-4663.

Publication by Leclerc, et al. entitled "A three-dimensional model of the Rev-binding element of HIV-a derived from analyses of aptamers" Nat. Struct. Biol. (Abstract only.)

International Search Report dated April 12, 2002 for PCT International Application Serial No. PCT/US01/30004.

Early passage of the subject application to issue is earnestly solicited.

Although it is believed that no fee is due, the Commissioner is hereby authorized to charge any deficiencies of payment associated with the filing of this Information Disclosure Statement to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS & WILSON, P.A.

Date: May 16, 2002

By:

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	60/235.654
Filing Date	09/26/2000
First Named Inventor	Bruce A. Sullenger
Art Unit	
Examiner Name	Unassigned
Attorney Docket Number	180/124 /2

[illegible][illegible]Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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1 Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.41. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

### Complete if Known

Application Number	60/235,654
Filing Date	09/26/2000
First Named Inventor	Bruce A. Sullenger
Group Art Unit	
Examiner Name	Unassigned
Attorney Docket Number	180/124/2

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	WERSTUCK, ET AL., "Controlling gene expression in living cells through small molecule-RNA interactions," Science, American Association for the Advancement of Science, p. 296, ( October 9, 1998).	
	2	BURKE, ET AL., "A Novel Acidophilic RNA Motif That Recognizes Coenzyme A," Biochemistry, American Chemical Society, p. 4653-4663, ( November 25, 1997).	
	3	LECLERC, ET AL., Abstract of "A three-dimensional model of the Rev-binding element of HIV-a derived from analyses of aptamers," Nat. Struct. Biol. 1:293-300 (1994)	

Examiner  
Signature

Date  
Considered

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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